20020922.qrp v02_n686.qrl.20020922

Date: Sun, 22 Sep 2002 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2686

QRP-L Digest 2686

Topics covered in this issue include:

  1) [135708] QRP Afield Report
     by David Gauding <david.gauding@bbs.galilei.com>
  2) [135709] MFJ 9040
     by Bill Urie <burie@linknet.kitsap.lib.wa.us>
  3) [135710] FS: WM-2 QRP Wattmeter
     by "Maurice Haynes" <BudHaynes@peoplepc.com>
  4) [135711] EA5AHN - need to get in touch with him
     by "aluscre" <"aluscre"@neo.rr.com>
  5) [135712] QRP+ Modification..Receiver mixer (U3) Plug in es notes.
     by ve3ab@mail.mondenet.com
  6) [135713] QRP Afield
     by W2AGN <w2agn@w2agn.net>
  7) [135714] OT: linux
     by dave <dave@dpomeroy.com>
  8) [135715] Re: linux
     by "Paul Mills" <quahog@localnet.com>
  9) [135716] VFO input limitations of SA602AN??
     by k4vib@att.net
 10) [135717] VFO input limitations of SA602AN??
     by k4vib@att.net
 11) [135718] QRP Afeild
     by "Jerry Ford" <benlightnd13@mchsi.com>
 12) [135719] QRP Aflied in NH
     by Jim Cluett <w1pid@yahoo.com>
 13) [135720] Re: 1 Meg Splits on 2 Meters
     by "Mark J. Dulcey" <mark@buttery.org>
 14) [135721] Re: QRP Afield
     by "Mark J. Dulcey" <mark@buttery.org>
 15) [135722] Never worked Jim (Duke) Thorpe...until tonight! MSS-RM40 QSO...
     by "Bill, N4QA" <n4qa@hotmail.com>
 16) [135723] Apology to Thorpe fans
     by "Bill, N4QA" <n4qa@hotmail.com>
 17) [135724] MiniDDS kit
     by "Leon Heller" <leon_heller@hotmail.com>
 18) [135725] Re: VFO input limitations of SA602AN??
     by Ingo Meyer DK3RED <dk3red@gmx.net>
 19) [135726] Rock-Mite on 7.122+

    by Chuck Carpenter <w5usj@9plus.net>
20) [135727] Re: Rig info: Meissner Signal Shifter, model EX
    by "M.J.Powell" <mike@pickmere.demon.co.uk>
21) [135728] Rock-Mite on 7.122+ [Contact]
    by Chuck Carpenter <w5usj@9plus.net>
22) [135729] Rock-Mite /40 Beacon
    by Chuck Carpenter <w5usj@9plus.net>
23) [135730] Re: QRP Afield
    by W2AGN <w2agn@w2agn.net>
24) [135731] QRP A-dabblin'
    by "Rod N0RC" <rod@n0rc.us>
25) [135732] QRP Afield: Of Moose and men
    by "Dave Benson" <nn1g@earthlink.net>
26) [135733] Mitey Box is here
    by Jim Cluett <w1pid@yahoo.com>
27) [135734] Re: Mitey Box is here
    by "res075cz" <res075cz@gte.net>
28) [135735] Re: QRP Afield
    by Fghester@aol.com
29) [135736] Jupiter Issue
    by Ken Kirkley <no4d@charter.net>
30) [135737] Pacificon, Customized badges
    by "Jerry Parker" <qrpradio@charter.net>
31) [135738] QRP for SSB?
    by Somerville <somerville@uniserve.com>
32) [135739] S-parameters
    by "Richard Johnson" <richard_johnson@credence.com>
33) [135740] Re: QRP Afield -- 21 September 02
    by WE7X@aol.com
34) [135741] OT: Any Ham shops in seattle?
    by "Chad Nelson" <galahad@boisecenter.net>
35) [135742] QRP-Afield
    by Steven Weber <kd1jv@moose.ncia.net>
36) [135743] Vacation: Part 2
    by Steven Weber <kd1jv@moose.ncia.net>
37) [135744] Re: Mitey Box is here
    by "Rod N0RC" <rod@n0rc.us>
38) [135745] WTB: Drake T4XC
    by "Alan Fryer" <N3BJ@hotmail.com>
39) [135746] Re: Vacation: Part 2
    by "Richard Brummer, K2JQ" <k2jq@rcn.com>
40) [135747] Re: Rig info: Meissner Signal Shifter, model EX
    by "W3CDE Jerry L." <w3cde@bellsouth.net>
41) [135748] Re: Rig info: Meissner Signal Shifter, model EX
    by "George, W5YR" <w5yr@att.net>
42) [135749] Re: S-parameters
    by Chris Trask <ctrask@primenet.com>
43) [135750] FS: KLM KT34A tribander

    by Marv Fagenson <k6hcj@juno.com>
 44) [135751] Re: Rig info: Meissner Signal Shifter, model EX
    by "W3CDE Jerry L." <w3cde@bellsouth.net>
 45) [135752] RE: KT 34A Sale
    by Marv Fagenson <k6hcj@juno.com>
 46) [135753] Re: FS: KLM KT34A tribander
    by Jim Larsen - AL7FS <JimLarsen2002@alaska.net>
 47) [135754] ah is alive
    by hamjoel@juno.com
 48) [135755] Re: OT: Any Ham shops in seattle?
    by Bob Nielsen <nielsen@oz.net>
 49) [135756] Zim's Filters
    by "James R. Duffey" <jamesd1@flash.net>
 50) [135757] UPDATED: the Rock-Mite files
    by "Rod N0RC" <rod@n0rc.us>
 51) [135758] Re: Zim's Filters
    by "Lee Mairs" <lmairs@cox.net>
 52) [135759] Rock-Mite/40 VXO - 1 More
    by Chuck Carpenter <w5usj@9plus.net>
 53) [135760] Cellulose thinners
    by "Leon Heller" <leon_heller@hotmail.com>
 54) [135761] Re: OT: Any Ham shops in seattle?
    by "Dave Martin" <k2zu@seanet.com>
 55) [135762] Re: Zim's Filters
    by "James R. Duffey" <jamesd1@flash.net>
 56) [135763] Re: Zim's Filters
    by "James R. Duffey" <jamesd1@flash.net>

Date: Sat, 21 Sep 2002 17:48:13 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [135708] QRP Afield Report
Message-ID: <5.1.1.6.0.20020921165449.00a71d70@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Howdy,

Great day in St. Louis for QRP Afield - low 80's and sunny. And, 20m was open and very busy, as I heard it.

Ran the Argonaut 515 on 20m only. One watt output to a St. Louis Vest Pocket Vertical (with its tapped air-wound St. Louis Coil) over a set of St. Louis Radials (eight ribbons, all conductors cut to 8-1/2' or an 8th-wave on 20m). Twenty-five feet of RG-58 plus a choke balun under the feedpoint.

Took along a St. Louis Paddle too but the heat from direct sunlight played havoc a few times with the pre-set mechanical contacts - sorry about that.

Operated almost three hours from a nice open spot on the nearby Green Trails School property. Just my opinion, but when you get a ground mounted vertical way out in the open it really has a chance to perform. Foliage just beats vertical polarization to death, not to mention adjacent buildings, telephone/power lines, vehicles, etc.

48 QSO's were bumped to an even 50 thanks to a WQ1RP contact. 22 S-P-C and the 10 point multiplier for a field location comes to 11,000 points claimed.

This was a solo effort today. I really enjoyed the afternoon under the sunbeams with a nice sandwich and couple of cold Bud Lights in the cooler. Reminded myself too just how good the receiver is in the old 515. Anyway, definitely a life-is-good experience for the OM! <g>

Surprised to log WY, NM, AZ, CA and WA so early in the afternoon. Nine contacts in CO alone which was quite a surprise as well. Worked K1SWL at his campsite in VT and another old friend, W3RDF in SC. Also found WA8ZBT, N0TU, W5KDJ and AC5XK running 1W today with KB8FE at 500 milliwatts. And, some woosies at 5W! <g>

Thanks for the good ears and some fills. And, to NE-QRP for hosting this annual event. You guys are sincerely appreciated for keeping the tradition going.

Now getting ready to take my lovely first wife out to nice dinner with friends. No chance getting back home in time for the last hour of the contest - but I'm sure gonna' try. <g>

Regards,

de Dave, NF0R

Date: Sat, 21 Sep 2002 16:44:10 -0700 (PDT)
From: Bill Urie <burie@linknet.kitsap.lib.wa.us>
To: <qrp-l@lehigh.edu>
Subject: [135709] MFJ 9040
Message-ID: <Pine.LNX.4.33.0209211641140.19497-100000@linknet.kitsap.lib.wa.us>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

want to buy a late model MFJ 9040 qrp
transceiver with the Rev 5 circuit board
and the optional Iambic Keyer. Bill W7XV

Date: Sat, 21 Sep 2002 17:08:46 -0700
From: "Maurice Haynes" <BudHaynes@peoplepc.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [135710] FS: WM-2 QRP Wattmeter
Message-ID: <000d01c261cc$3a7a2020$0100a8c0@bud>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:
WM-2 QRP Wattmeter
Excellent condition
$80.00

Bud - KV7G - Yuma, AZ

Mailto: BudHaynes@peoplepc.com
      Web Page: www.qsl.net/kv7g

Date: Sat, 21 Sep 2002 20:30:57 -0400
From: "aluscre" <"aluscre"@neo.rr.com>
To: qrp-l@lehigh.edu
Subject: [135711] EA5AHN - need to get in touch with him
Message-ID: <200209220029.g8M0TfA00677@clmboh1-smtp3.columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I have lost fellow QRPer EA5AHN Fernando Pinango's e-mail address when
my address book and old messages where lost in a drive crash.
I need to get in touch with him. It is urgent.
Please if you know him forward this message to him.
He is not listed on QRZ.com
Thank you

--
|--------------------------|
     Anthony A. Luscre
            K8ZT
        Stow, Ohio
|--------------------------|
    Visit My Website at
  http://www.qsl.net/k8zt
|--------------------------|

Date: Sat, 21 Sep 2002 20:41:42 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@lehigh.edu
Subject: [135712] QRP+ Modification..Receiver mixer (U3) Plug in es notes.
Message-ID: <200209220045.g8M0j59G012801@phlox.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Heres a note on the QRP+ Reciever Mixer (U3). I know Stan now (SK)
helped me with this mod when my QRP+ got damaged by antenna static
discharge. These notes may be useful for those who did the
modification whereby U3 (an SBL-1) was removed from the board..not in
the conventional way of desoldering it and soldering another one in
its place..but rather by cutting off the old enclosure to the SBL-1
metal can..thereby exposing the inards of the component. Then snip
snip again..and out came the diodes and small little transformer.
THEN..to replace ...piggy back..another SBL1 on top of the pins..pin
for pin..and solder.
WELL..my mod never worked very well..the pin for pin soldering did
would result in a break or two from time to time and generally poor
connections. So..I made some brass shims..(brass 1/16 inch) from
a hobby store..and cut them into short 1/4 in. pieces..8 required.
Then made a cut part way through..as a solder hole..to solder it to
the old pins of the old original SBL1. Then I plugged in the piggy
back SBL1..and voila..a nice solid connection. Works real good.
And the nice thing about it..I can unplug the Reciever Mixer and try
experimenting with different mixer modules. I have some honeywell
mixers from an old junked spectrum analyser..that id like to try some
time.
By the Way..was trying on SSB the QRP+..transmitting out of the bands
ect ie..3480 khz and 4024..listening with my Atlas 210. The rig

sounds good works well. I still havent recieved the QRP++
prom..should be any day now. Ditto for my order of blank
27C64As..they should be arriving Monday. 73 Earl VE3AB

Date: Sat, 21 Sep 2002 21:21:17 -0400
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135713] QRP Afield
Message-ID: <3D8CE2CD.18158.7B18AED@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Well, band conditions were almost TOO good! 10 was wide open...to Europe. There was some kind of DX contest on. Also FISTS out in force. I ended up giving out my FISTS number to quite a few QSOs. 15 meters was HOT, but didn't find any QRP Afielders, all DX. 20 was good, and 40 was also good. Even made a couple of early evening QSOs on 80M with the TAC-1.

Total 64 Q's, not sure how many SPC's yet. Figure it out tomorrow.

Is there really a WQ1RP? Never heard them, although will admit I heard someone working them on 20.

Fun time outside in the fresh air, although my plastic chair broke and unceremoniously dumped me on the ground. Better lose a few pounds.
--
```
  _    _    _    _    _
 / \  / \  / \  / \  / \ John L. Sielke
( W )( 2 )( A )( G )( N ) http://www.w2agn.net
 \_/  \_/  \_/  \_/  \_/ QRPARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS
```

Date: Sat, 21 Sep 2002 18:57:29 -0700
From: dave <dave@dpomeroy.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135714] OT: linux
Message-ID: <20020922015730.69A2142C9E@smtp-relay.omnis.com>
Content-Type: text/plain;
  charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Can anyone suggest a mail list or reflector for Linux basic questions?
Thanks for the help.
Dave Pomeroy K7DNP South East Washington

Date: Sat, 21 Sep 2002 22:54:46 -0400
From: "Paul Mills" <quahog@localnet.com>
To: <QRP-L@lehigh.edu>, <dave@dpomeroy.com>
Subject: [135715] Re: linux
Message-ID: <000701c261e3$83dd8b00$17439942@cybrinjn>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: dave <dave@dpomeroy.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, September 21, 2002 9:57 PM
Subject: OT: linux

> Can anyone suggest a mail list or reflector for Linux basic
questions?
> Thanks for the help.
> Dave Pomeroy K7DNP South East Washington

Try usenet groups such as comp.os.linux.answers. However, feel
free to email me with any questions you may have. I have 15
years of experience with *nix. There are no dumb questions...

Paul KB1GEJ
kb1gej@localnet.com

Date: Sun, 22 Sep 2002 02:57:29 +0000
From: k4vib@att.net
To: qrp-l@lehigh.edu
Subject: [135716] VFO input limitations of SA602AN??
Message-ID: <20020922025730.RGKW28665.mtiwmhc23.worldnet.att.net@mtiwebc21>

Date: Sun, 22 Sep 2002 03:02:54 +0000
From: k4vib@att.net
To: qrp-l@lehigh.edu
Subject: [135717] VFO input limitations of SA602AN??
Message-ID: <20020922030255.RIHF28665.mtiwmhc23.worldnet.att.net@mtiwebc08>

What is the max VFO input voltage in dBm to the SA602AN? What is the impedance there? I think that is either pin 6 or 7.

Tnx,

Bill
K4VIB

Date: Sat, 21 Sep 2002 22:14:02 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [135718] QRP Afeild
Message-ID: <00f201c261e6$1a8fcfc0$6d74da0c@mchsi.com>

Well that was intersting.
40 finally got down to about 2 KC for the QRP group as the other contests continued to move in.

It was a good workout for the K-1 and its filters to seperate it all.

20 Q's on 20 with 15 states and 1 Ca. province.
23 Q's on 40 with 13 states and 1 Ca. province.

Not bad considering I got in late!!

Running K-1 #601 on a 7.2 AH gel cell and an 80 mtr loop at about 10 ft. Had the K-1 set at 4 watts out and used the internal tuner for both bands on the loop.

Thanks to all in the test and hope you all had a super time.

C U tomorrow evening for the homebrew sprint.

72 / 73 Jerry N0JRN

Date: Sat, 21 Sep 2002 20:45:05 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [135719] QRP Aflied in NH
Message-ID: <20020922034505.79007.qmail@web11605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

What a blast! Only operated an hour and a half, but
worked Sweeden and England. Bands were active. I used
40, 20 and 15. Great to talk to KD1JV Steve and K1SWL
Dave. thanks to all. Jim w1pid@arrl.net

_____
Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
http://sbc.yahoo.com

Date: Sun, 22 Sep 2002 00:42:13 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: wb8rcr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135720] Re: 1 Meg Splits on 2 Meters
Message-ID: <3D8D4A25.5070702@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

John J. McDonough wrote:
> Keep in mind, too, that these frequencies are decided on state by state.
> Here in Michigan we went to 20 KHz channel spacing a while back, rather than
> the 15 KHz that is more popular on the east coast. This gets a tad messy on
> the simplex frequencies, which aren't coordinated, since some folks use the
> newer 20 KHz spacing (which is probably 15 years old by now), and others the
> old 30 KHz spacing. It also gets messy near the state boundaries, which you
> have an abundance of in the upper right corner!

I'm a little surprised that Michigan went to 20 KHz, because I would have thought it's a solution that doesn't suit your situation. But I may be wrong; I don't know much about Michigan except for the Detroit area.

15 KHz separation between repeaters isn't enough for people to use both repeaters effectively - IF there is no geographical separation between them. The states that initially went to that separation were places like Texas, which is as different from New England as it's possible to be. In Texas, you have cities with lots of

population and lots of repeaters - and wide-open spaces between the cities where nobody lives, and thus hardly any repeaters. The geographical separation that we use here in New England to make the 15 KHz separation work doesn't make sense there.

On the other hand, if you have an area like New England with almost no uninhabited areas (aside from protected areas such as state and national forests, the only really deserted area in New England is northern Maine), and you want to physically spread repeaters around all your area, 15 KHz separation lets you have more repeaters than 20 KHz would. That's why we still use it here.

Date: Sun, 22 Sep 2002 01:07:00 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: w2agn@w2agn.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135721] Re: QRP Afield
Message-ID: <3D8D4FF4.1060607@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

W2AGN wrote:
> Well, band conditions were almost TOO good! 10 was wide open...to Europe. There was some kind of DX contest on. Also FISTS out in force. I ended up giving out my
> FISTS number to quite a few QSOs. 15 meters was HOT, but didn't find any QRP Afielders, all DX. 20 was good, and 40 was also good. Even made a couple of early
> evening QSOs on 80M with the TAC-1.
>
> Total 64 Q's, not sure how many SPC's yet. Figure it out tomorrow.
>
> Is there really a WQ1RP? Never heard them, although will admit I heard someone working them on 20.

There actually was a WQ1RP on 80m from 0100 to 0215Z - in other words, me. I was scheduled to be on until the very end of the contest at 0300Z, but there was ZERO activity on 80 after 0200 - nobody else working stations or even calling CQ - so I gave up and tore down the station early. QRN on 80 was a bit high, but it was possible to make contacts; I took time off from QRP Afield to check into the local traffic net at 2300Z and 0200Z, and got in both times, though it was actually easier at 2300!

I never heard WQ1RP otherwise. Of course, if New Englanders were operating on the high bands - 15 and 10 - I wouldn't have been able to get them unless they were really nearby. I spent lots of time on 40; either nobody operated the club call there, or it all happened before 1900Z or after 0100Z. (I expect I would have

heard them if they had been on while I was on that band.)

I didn't get on the air until nearly 1900Z (aside from the general fact that I don't do mornings well, there were a few technical difficulties getting set up), and that turned out to be a big mistake. I took a short dinner break around 2130Z, and when I came back to the radio, it was as if the bands had died. But it wasn't; the QRP Afield activity had simply disappeared. It seems that lots of people chose to work the first 6 hours (or some portion of them) and then shut down, so I would have done much better in the contest if I had managed to get the antenna up sooner.

KF2EW was in the right place at the right time. He worked me as KE1L on 80M at 0058Z, and then again a couple of minutes later as WQ1RP.

The casual count looks like 60 contacts from 1900Z to 0100Z, plus eight contacts as WQ1RP between 0100Z and 0200Z. (I got back on as WQ1RP at around 0205Z and tried for another 10 minutes, but heard no 80m QRP Afield activity at all.)

Date: Sun, 22 Sep 2002 03:24:44 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [135722] Never worked Jim (Duke) Thorpe...until tonight! MSS-RM40 QSO...
Message-ID: <F30QoMuDGzxTs53iVdG00002122@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, me & Ellie Belle woke up from a good nap around 2 am EDT and decided to try for one more Q before calling it a night(E.B. is already back in the La-Z-Boy).
We called CQ on 7040 kHz with the Meissner Signal Shifter, EX(5 watts out)...wow, checking the log, haven't been on forty since January!
So, through the static comes KB3BYT, Rob, in Jim Thorpe, PA running his brand-spanking-new Rock-Mite-40...I was his first contact with it! Rob had wanted to get on earlier Saturday but had to wait because of local T-storms...always seems to happen with a new rig/antenna etc, doesn't it?
Rob's RM-40 was running 200 mW to a dipole and gave a really good accounting of itself. I was receiving him RST 449 with the R/S DX-390 and the longwire...uh-oh, only about two wavelengths on 40...I must be careful about calling this antenna a longwire as I run the low bands :).
Great day on the radio...even got in some yard mowing...first time in weeks due to drought...Martha will be so proud of me when she gets back from her sister's Sunday afternoon :)

73.
Bill, N4QA

http://www.qsl.net/n4qa/

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Send and receive Hotmail on your mobile device: http://mobile.msn.com

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Date: Sun, 22 Sep 2002 04:39:17 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [135723] Apology to Thorpe fans
Message-ID: <F82S4aMnmNaGEfmI0xX000020dc@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Should have done my research FIRST :(
I was apparently mistaken in referring to 'Duke' Thorpe in a previous
posting about a contact with a gentleman in Jim Thorpe, PA.
Two different fellows...sorry.

73.
Bill, N4QA
http://www.qsl.net/n4qa/

____
Send and receive Hotmail on your mobile device: http://mobile.msn.com

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Date: Sun, 22 Sep 2002 11:11:38 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-l@lehigh.edu>
Subject: [135724] MiniDDS kit
Message-ID: <DAV68X5QKLWXGVVreIm000018f5@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There has been a little interest in a kit for Jesper's MiniDDS I mentioned a
couple of days ago. I could put together a kit with all the components,
including a PCB, a pre-programmed AVR microcontroller and detailed
instructions for $55 including airmail postage. Unless I'm flooded with

orders, the PCB will be home-made. I won't include sockets. The AVR is user-programmable via the 5-pin Molex connector, BTW, so you can put your own code in it, if you wish.

Details of the MiniDDS are here: http://www.myplace.nu/avr/minidds/

A pic of my version is here:

http://www.geocities.com/leon_heller/minidds.html

Some applications are: precision LF signal generator, reference oscillator for a very high-res PLL synthesiser and an exciter for an LF transmitter.

73, Leon
--
Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sun, 22 Sep 2002 12:34:41 +0200
From: Ingo Meyer DK3RED <dk3red@gmx.net>
To: qrp-l@lehigh.edu
Subject: [135725] Re: VFO input limitations of SA602AN??
Message-ID: <5.1.1.6.1.20020922122318.009ee770@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Bill,

>What is the max VFO input voltage in dBm to the SA602AN? What is the
>impedance
>there? I think that is either pin 6 or 7.

The RF inputs (Pins 1 and 2) are biased internally. They are symmetrical. The equivalent AC input impedance is approximately 1.5k || 3pF through 50MHz. Pins 1 and 2 can be used interchangeably, but they should not be DC biased externally.

The mixer outputs (Pins 4 and 5) are also internally biased. Each output is connected to the internal positive supply by a 1.5kohms resistor. This permits direct output termination yet allows for balanced output as well.

The oscillator (Pins 6 and 7) is capable of sustaining oscillation beyond 200MHz in crystal or tuned tank configurations. The upper limit of operation is determined by tank "Q" and required drive levels. The higher

the Q of the tank or the smaller the required drive, the higher the permissible oscillation frequency. If the required L.O. is beyond oscillation limits, or the system calls for an external L.O., the external signal can be injected at Pin 6 through a DC blocking capacitor.

External L.O. should be 200mV P-P minimum to 300mV P-P maximum.

Source Data sheet from Phillips Semiconductors

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

    dk3red@t-online.de http://www.t-online.de/~dk3red
      DL-QRP-AG #824 http://www.dl-qrp-ag.de
       QRP ARCI #11295 http://www.qrparci.org

Date: Sun, 22 Sep 2002 06:01:01 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [135726] Rock-Mite on 7.122+
Message-ID: <3.0.2.32.20020922060101.006ab198@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

R-Mers,

I put a pair of 7.122 MHz crystals in my R-M/40 and it's working fine.

The actual frequency as displayed on my FT-847 is 7.123.5 and 7.124.5. Power is the same, about 400 mW on the Welz SP-15M.

I'll be CQing on those frequencies on and off this morning. Couple of strong stations near the freq just now (1100 Z).

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

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Date: Sun, 22 Sep 2002 11:03:07 +0100

From: "M.J.Powell" <mike@pickmere.demon.co.uk>
To: n4qa@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135727] Re: Rig info: Meissner Signal Shifter, model EX
Message-ID: <vMJZZFAbVZj9Ewh8@pickmere.demon.co.uk>
MIME-Version: 1.0

In message <F65PzQT456UnHAaaz7E00001155@hotmail.com>, Bill, N4QA
<n4qa@hotmail.com> writes
>Have received a few emails expressing interest (for some, disbelief) in the
>Meissner Signal Shifter, model EX. I am happy to say that I use this rig 80
>thru 10 and it still gives me hours of shear operating pleasure :) Had one
>just like it for my first Novice rig back in 1965 which my Dad, W4MAI, used
>in 1947...
>If you'd like to read a little about it, see my reviews at:
>http://www.eham.net/reviews/detail/759
>
>And please, ignore my comment there about using the rig for PSK31...it won't
>work(not in a legal manner, that is)...George, W5YR, tried to tell me but
>ol' hardhead here just wouldn't listen...had to experiment for myself :)
>What you can't see in the photo are the voltage regulator tubes
>glowing...one each, bright orange and purple...inside the rig...nor the
>tuning eye tube on the front panel which glows a nice green...The tubes'
>filaments glow a sort of dull orange too.
>Ah, such warmth...

Lovely! Lovely! (Sob)

Mike

G3IJE
--
M.J.Powell

Date: Sun, 22 Sep 2002 07:00:33 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [135728] Rock-Mite on 7.122+ [Contact]
Message-ID: <3.0.2.32.20020922070033.006b43c0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It Works!

QSO with K8HJ at 1133 with a 439 report through the QRN and BC stations.

Thanks John.

Crystals for 7122 are available from Norcal.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

---

Date: Sun, 22 Sep 2002 07:03:56 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [135729] Rock-Mite /40 Beacon
Message-ID: <3.0.2.32.20020922070356.006b43c0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

R-Mers

I'll let the R-M beacon on 7.124/5 for a while this morning with the PK-3
keyer in beacon mode. Reports appreciated.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

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Date: Sun, 22 Sep 2002 08:29:53 -0400
From: W2AGN <w2agn@w2agn.net>
To: "Mark J. Dulcey" <mark@buttery.org>,
        Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135730] Re: QRP Afield
Message-ID: <3D8D7F81.29482.A15B071@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 22 Sep 2002 at 1:07, Mark J. Dulcey wrote:

> W2AGN wrote:
> > Is there really a WQ1RP? Never heard them, although will admit I heard someone working them on 20.
>
> There actually was a WQ1RP on 80m from 0100 to 0215Z

Aha! By that time I had packed up, as I started at about 1530Z. I did work you on 2 bands with your home call (including 80M). Sorry I missed WQ1RP for the extra points.

--

  _   _   _   _   _
 / \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) http://www.w2agn.net
 _/ _/ _/ _/ _/ QRPARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, TF2WKT, W7JEF, W4MPC, N4JS

Date: Sun, 22 Sep 2002 07:01:09 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135731] QRP A-dabblin'
Message-ID: <007701c26238$1f7b4c60$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Couldn't get A-Field this year, a little public service in the AM, then lot's of "honey-does" (things that if went undone...well let's not go there ;-)

So instead, I grabbed 10min here, half-hour there, when I could, and did pure S&P looking for stations calling out from the wilderness. Picked up about 20-25 QSOs over the course of the day on 15, 20 and 40m. I tried 10m a few times but didn't hear any contest stations. The majority of the stations were in the Midwest, best DX was FL, PA and WA.

Fun time, and enough chores completed to earn RTCs (Radio Time Credits ;-) to have fun in the NJQRP HB Sprint this evening!

73, Rod N0RC

Date: Sun, 22 Sep 2002 09:06:03 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-l@lehigh.edu>
Cc: <wa6ouw@aol.com>
Subject: [135732] QRP Afield: Of Moose and men
Message-ID: <01a201c26252$0dcd64c0$9ebf3a41@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

Had a great QRP Afield experience once again- a special thanks to Chuck Ludinsky, K1CL, for keeping this event alive and kicking.

I was camped out in National Forest near Stratton, VT at about 2500' elevation. The highlight of my adventure was at about 1:30 AM on Saturday- awakened from sleep by the sound of noises in the brush. The noises got gradually louder until I could hear heavy footsteps, the occasional strange grunting sound and even breathing noises. By this time I was sitting bolt-upright in the back of my pickup- a bug-free night so the tailgate and hatch were open. The source of the noise became pretty apparent - a bull moose within 10 feet of me! I could see those massive antlers moving in the moonlight as he tried to figure out what the foreign objects were doing in his commuting route down to the nearby stream.

He figured it out- must have caught my scent at last, or perhaps he startled on the 20M coax caught in his antlers. That's when things got busy- he bolted. He took a souvenir with him- he somehow got my folding camp chair stuck on a hind leg. I recovered the chair about 50 yards away the next morning. (With a considerable sense of relief- I can just see his buddies razzing him: "Say, Ralphie- where'd you get the neat footgear?")

Oh yeah- the contest was fine. ;-) 48 QSOs on 40,20,and 15 with an FT-817 and 20 AH gel-cell. Also worked a slew of Scandinavians in their contest on Saturday morning. Antennas were a 40M dipole at 35 feet and a sloping 20M dipole at 40 feet. Great to work lots of familiar callsigns! Noteworthy QSO with old friend Jim Fitton, W1FMR, (NE QRP #1) who was working folks from his saltwater-portable location on the NH-Maine line.

73- Dave Benson, K1SWL

Date: Sun, 22 Sep 2002 06:32:43 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [135733] Mitey Box is here
Message-ID: <20020922133243.24182.qmail@web11603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Guys - I got the Mitey Box in the mail yesterday. What
a gem! This is a beautiful enclosure. I received a 20M
Rock Mite from Dave on Friday. I'm planning to build
this afternoon so I should be rockin' on 20 by the end
of the day. best, Jim w1pid@arrl.net

____
Do you Yahoo!?
New DSL Internet Access from SBC & Yahoo!
http://sbc.yahoo.com

Date: Sun, 22 Sep 2002 09:51:07 -0500
From: "res075cz" <res075cz@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135734] Re: Mitey Box is here
Message-ID: <066601c26247$7c5d8920$82880304@dslverizon.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have just returned to this group after being away for a number of months.
What is a Rock Mite?

James (Jim) Parsons

----- Original Message -----
From: "Jim Cluett" <w1pid@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, September 22, 2002 8:32 AM
Subject: Mitey Box is here

> Guys - I got the Mitey Box in the mail yesterday. What
> a gem! This is a beautiful enclosure. I received a 20M
> Rock Mite from Dave on Friday. I'm planning to build
> this afternoon so I should be rockin' on 20 by the end
> of the day. best, Jim w1pid@arrl.net
>
> _____
> Do you Yahoo!?
> New DSL Internet Access from SBC & Yahoo!
> http://sbc.yahoo.com
>

Date: Sun, 22 Sep 2002 11:03:58 EDT
From: Fghester@aol.com
To: mark@buttery.org, qrp-l@lehigh.edu
Subject: [135735] Re: QRP Afield
Message-ID: <17b.ef4311b.2abf35de@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Bands great in the mid-west too except 40. I had other committments that prevented a serious run but I did get in a couple of hours in the shack on and off throughout the early hours. Worked WQ1RP on 20 & WQ6RP on 15 & 10. Worked K0ZK & W1PID on 20& 15. Lots of FISTS & WA contesters too. As limited as my time was my K1 & I had fun on 20 (nothing heard on 40) and my TT Argosy 525 flexed its old but solid muscles at 5W on 10 & 15. Thanks to all for the fun! / Woody / WD9F

Date: Sat, 21 Sep 2002 11:35:54 -0400
From: Ken Kirkley <no4d@charter.net>
To: qrp-l@lehigh.edu
Subject: [135736] Jupiter Issue
Message-ID: <5.1.1.6.0.20020921113326.00b299d8@mail.charter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

<   I installed 1.23 of the firmware and have a new, but very strange problem.

<I am using an LDG AT 11MP autotuner with the Jupiter. When on 15 meters,

and this only happens on 15 meters, if I press the tune <button on the Jupiter, the rig immediately changes frequency to somewhere between 20 and 22 Mhz. I have tried all other bands and <everything works fine on those bands. Anyone else experience this?

Hey Duffy,
Yep, I am having this problem also plus on 17 meters as well. But, did not know it was possibly associated with the 1.23 software. I bought the LDG after installing the 1.23. I am guessing from your post that the LDG tuned 15 and 17 fine with the earlier versions?

Ken/NO4D

Date: Sun, 22 Sep 2002 09:07:57 -0700
From: "Jerry Parker" <qrpradio@charter.net>
To: <qrp-l@lehigh.edu>
Subject: [135737] Pacificon, Customized badges
Message-ID: <000d01c26252$37ce4320$1cf7cd18@charterpipeline.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can you believe it, less than a month to Pacificon!

Amanda and I have been compiling the list for Customized

badges and here is what we have so far:

N0QT Jan Medley
N1HE Ward Hill
K1MG Mike Gipe
AK1P Paul Maciel
K1SWL Dave Benson
N2CX Joe Everhart
N4ELM Dave Redfearn
KB4HG/7 Rhett Isley
NA5N Paul Harden
AD6A Dave Fifield
A6AGS Arthur Silvers
KF6CXC Bob Cortez
KG6DFZ Amanda Parker
KE6DRN / VK6DRN Chuck Thompson

KI6DS Doug Hendricks
KD6FJI Lloyd DeVaughns
WA6GER Jim Cates
AD6GI Chuck Boblenz
AE6IM Pat OBrien
AD6JV Bill Phillips
KG6LHU Leslie McFee
NB6M Wayne McFee
KK6MC Jim Duffey (Dr. Megacycle)
WA6MER Mike Schettler
KF6ML Sam Imai
WB6MLC Ken Chong
W6MMA Vern Wright
K6MMC Michael K McCarty
KB6MMS Rick Sturdivant
KE6MXX Ray Palacky
WI6O John Percival
WA6OWR Jerry Parker
KE6RIE Doug Hauff
W6STN Gary Jensen
WB6TNL Steve Smith
AC6UV Gody Siason
K6ZLY Bob Wold
Colleen K6ZLY's XYL
W7AVK Bob Rolfness
KK7GG Mike (Solderman) Claussen
KL7OR Dean Davis
N7VE Dan Tayloe

As you can see there this is going to be the place to
be on Pacificon weekend.

If you would like a customized badge for the event
please email us at qrpradio@charter.net and we will
make one up for you.

SEE YOU THERE!

72,,,Jerry...WA6OWR...k

Date: Sun, 22 Sep 2002 09:04:39 -0400
From: Somerville <somerville@uniserve.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [135738] QRP for SSB?
Message-ID: <3D8DBFE4.7DE34DE9@uniserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I pulled my old TS 520S out of mothballs and tweaked it up; then I adjusted it for 5 watt carrier with my new WM-2 , (neat meter), into a dummy load. I was getting great reports on CW so I tried SSB with reports S7 from Kazahkstan, and throughout North America. So good are the reports that I think that I may be a QRP cheat (ignomy and mortification).

So the question: Is a 5 watt carrier on SSB QRP, or am I fooling myself?

72(?)/73 John VE7CFG

Date: Sun, 22 Sep 2002 09:10:02 -0700
From: "Richard Johnson" <richard_johnson@credence.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135739] S-parameters
Message-ID: <3D8DEB5A.3933485@credence.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I downloaded RFsim99 and it is a wonderful RF design program.
However to simulate with transistors i need S-parameter models.
Would any one have S-parameter for common transistors like 2n22222, 2n3904, 2n 4301, etc.
These parts are not considered RF so manufactures do not have such models that i have found.
The models need to be in the HF through VHF range.

Thanks for any help.

Cheers,
rich

Date: Sun, 22 Sep 2002 12:21:38 EDT
From: WE7X@aol.com

To: aj4ay@worldnet.att.net, qrp-l@lehigh.edu
Subject: [135740] Re: QRP Afield -- 21 September 02
Message-ID: <187.e7e3ac8.2abf4812@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

UH, a group of us in the Seattle area did set up at a common site, east of Woodinville, WA. We were unaware of the rule and operated as individual operators using our own calls. We did not attempt to work each other. It did not even occur to us. I hope it doesn't disqualify our entries or the contact points we gave out. HI! HI!
 We did not make many contacts with QRP-Afield stations, but made several with stations looking for Washington Salmon Run contest aspirations, and a few other random contacts.
   We had three K-2's, three FT-817's, a Ten-Tec 515, an SGC 2020, a HW-8, a Pixie 2, and an incomplete Rock-Mite present, as well as equipment for UO-14 satellite operation as a demonstration.
  Antennas consisted of a 44 foot open-wire fed doublet at about 35 feet, a couple of MP-1 antennas, an inverted L and a 90 foot random wire, and a couple of the very versatile ZM-2 tuners, along with various other accessory items.
  A good time was had by all.
  WE7X
  Rod Johnson

Date: Sun, 22 Sep 2002 10:28:16 -0600
From: "Chad Nelson" <galahad@boisecenter.net>
To: <qrp-l@lehigh.edu>
Subject: [135741] OT: Any Ham shops in seattle?
Message-ID: <001601c26255$15624860$a901d2d1@galahad>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Wife and I are going to do a quick road trip to Seattle this week and was wondering if there
 were any good Ham related stores we should not miss, A Google search was awful thin.

            73's
Chad Nelson KD7FDU
    Boise Idaho U.S.A

Date: Sun, 22 Sep 2002 11:51:10 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [135742] QRP-Afield
Message-ID: <3.0.6.32.20020922115110.007afe40@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Guess I should have read the rules for operating times:-)

I got on from 19:00 to 21:00. Would have been on a little earlier, but one end of my antenna kept falling down, as I didn't have the wire secured to the end insulator well enough the first two times I put it up! Finally got that figured out and then found I had forgoten the coax jumper to go from the BLT to the rig again! Had to drive home and get it, about a 25 mile round trip! Good thing I was set up at a State park and hadn't hiked any distance into the woods!

Only made 14 contacts, but did get W1SWL and WQ6RP, which made my day. Guess I should have gotten on earlier, cuz by 21:00, everyone seemed to have shut down, so I did too. Bummer, as that's when the west coast starts coming in good on 20 around here.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://www.qsl.net/kd1jv/

Date: Sun, 22 Sep 2002 12:46:42 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [135743] Vacation: Part 2
Message-ID: <3.0.6.32.20020922124642.007a86c0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got back from the 10 day trip helping my friend move to Georgia late Thursday night. Nice place to visit, but I woudn't want to live there :-)

No problem getting the rig I brought with me back home through the airport.

They looked at my shoes, but not in the plastic box with all the radio gear in it! Go figure..

Now for Part II. Will be heading to Vermont for a 2-3 week hiking trip on the Long Trail tomorrow. Will have my "Back packer" prototype rig with me, using a 1/2 wave end feed antenna for 40. Will try to get on the air most everyday after dinner, if I have the energy left at the end of the day to put up the antenna :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
http://www.qsl.net/kd1jv/

Date: Sun, 22 Sep 2002 10:43:52 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <res075cz@gte.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135744] Re: Mitey Box is here
Message-ID: <002501c26257$3c8ff7a0$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

See:

http://www.smallwonderlabs.com

and

http://www.radioactivehams.com/~n0rc/rm/
http://www.qsl.net/n0rc/rm/ (mirror)

73, Rod N0RC

----- Original Message -----
From: "res075cz" <res075cz@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, September 22, 2002 8:51 AM
Subject: Re: Mitey Box is here

> I have just returned to this group after being away for a number of

months.
> What is a Rock Mite?
>
> James (Jim) Parsons
>
>
> ----- Original Message -----
> From: "Jim Cluett" <w1pid@yahoo.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, September 22, 2002 8:32 AM
> Subject: Mitey Box is here
>
>
> > Guys - I got the Mitey Box in the mail yesterday. What
> > a gem! This is a beautiful enclosure. I received a 20M
> > Rock Mite from Dave on Friday. I'm planning to build
> > this afternoon so I should be rockin' on 20 by the end
> > of the day. best, Jim w1pid@arrl.net
> >
> > _____
> > Do you Yahoo!?
> > New DSL Internet Access from SBC & Yahoo!
> > http://sbc.yahoo.com
> >
>
>
>

Date: Sun, 22 Sep 2002 12:47:12 -0400
From: "Alan Fryer" <N3BJ@hotmail.com>
To: <qrp-l@lehigh.edu>
Subject: [135745] WTB: Drake T4XC
Message-ID: <OE26IgGIhNn4hO1epN300001797@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wonder if anybody on the list has a Drake T4XC in good physical condition
that is surplus ?

Non-working or problem unit OK if it is intact.

Alan, N3BJ

Bent Mountain, VA

Date: Sun, 22 Sep 2002 12:56:42 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135746] Re: Vacation: Part 2
Message-ID: <010601c26259$0723e700$6501a8c0@cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's another "go figure."

Had a recent trip to Greensboro, NC from NY. Airport security at LaGuardia was uneventful. I had 2 Icom HT's in carry-on luggage, and nothing was checked. Checking in at GSO for the trip home -- same deal with the HT's -- but my XYL had a small "jeweler's screwdriver, in a plastic case, about the size of my "pinky," confiscated. It was deep in the middle of her carry-on bag, which we had to unpack. She hadn't even realized she had it along with her, and the resulting delay almost caused us to miss the flight !

We've got another upcoming trip, on which I'd like to bring along a 2-meter mobile and a Larsen mag mount. My license, as well as the manual will go along, of course. Anyone else have any recent airport security experiences ?

73
Dick K2JQ
----- Original Message -----
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, September 22, 2002 12:46 PM
Subject: Vacation: Part 2

>No problem getting the rig I brought with me back home through
>the airport. They looked at my shoes, but not in the plastic box with
>all the radio gear in it! Go figure..

Date: Sun, 22 Sep 2002 12:54:48 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>

To: n4qa@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135747] Re: Rig info: Meissner Signal Shifter, model EX
Message-ID: <3D8DF5D8.C805A14C@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AH, the glory of "glow in the dark radio"!! I remember my EX
with a lonely heart. Sure miss it. I worked the world on 20
CW in the mid 1950's with it. I worked quite a few TV sets
with it tooo. 8-). A great driver for a big rig running 120W
input to a TAYLOR TZ40 and plate modulated with TAYLOR TZ20's.
It also had real plug in coils for band changing an link
coupling to the antenna. Ah the "good ole days".

Jerry
W3CDE

"Bill, N4QA" wrote:
>
> Have received a few emails expressing interest (for some, disbelief) in the
> Meissner Signal Shifter, model EX. I am happy to say that I use this rig 80
> thru 10 and it still gives me hours of shear operating pleasure :) Had one
> just like it for my first Novice rig back in 1965 which my Dad, W4MAI, used
> in 1947...
> If you'd like to read a little about it, see my reviews at:
> http://www.eham.net/reviews/detail/759
>
> And please, ignore my comment there about using the rig for PSK31...it won't
> work(not in a legal manner, that is)...George, W5YR, tried to tell me but
> ol' hardhead here just wouldn't listen...had to experiment for myself :)
> What you can't see in the photo are the voltage regulator tubes
> glowing...one each, bright orange and purple...inside the rig...nor the
> tuning eye tube on the front panel which glows a nice green...The tubes'
> filaments glow a sort of dull orange too.
> Ah, such warmth...
>
> 73.
> Bill, N4QA
> http://www.qsl.net/n4qa/
>
> _____
> Chat with friends online, try MSN Messenger: http://messenger.msn.com

----

Date: Sun, 22 Sep 2002 12:13:42 -0500
From: "George, W5YR" <w5yr@att.net>
To: w3cde@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135748] Re: Rig info: Meissner Signal Shifter, model EX
Message-ID: <3D8DFA46.2E1B274B@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I had the later model with the rotating turret containing all the coils. An
807 final. A real "drifter" They weren't called Signal Drifters" nor
nothing. Used it in late 40's, mostly on 11 meters when it was a ham band
and 10 wasn't open.

Sounds like you had the pre-war original Signal Shifter with the plug-in
coils.
Not many of those around any more . . .

73/72, George
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR - the Yellow Rose of Texas
In the 57th year and it just keeps getting better!

"W3CDE Jerry L." wrote:
>
> AH, the glory of "glow in the dark radio"!! I remember my EX
> with a lonely heart. Sure miss it. I worked the world on 20
> CW in the mid 1950's with it. I worked quite a few TV sets
> with it tooo. 8-). A great driver for a big rig running 120W
> input to a TAYLOR TZ40 and plate modulated with TAYLOR TZ20's.
> It also had real plug in coils for band changing an link
> coupling to the antenna. Ah the "good ole days".

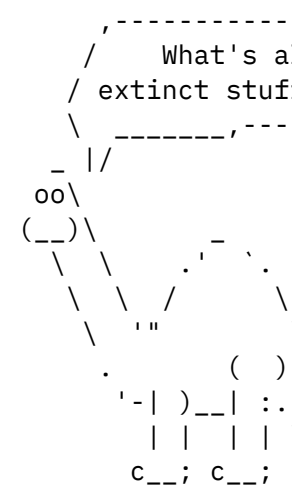
Date: Sun, 22 Sep 2002 12:22:35 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Richard Johnson <richard_johnson@credence.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135749] Re: S-parameters
Message-ID: <Pine.BSI.3.96.1020922121923.15624A-100000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rich,
     You can generate the S-Parameters yourself by using PSpice or ALMOND (shareware available on my web page). It may be entirely possible to do it with RFsim99. You should have enough information from the manufacturer's data sheets to put together a hybrid-pi model of the transistor, and then you just do a frequency sweep analysis and reap the results. I've had to do this with numerous devices such as the 2N2222 for doing RF design.

Chris

On Sun, 22 Sep 2002, Richard Johnson wrote:

> I downloaded RFsim99 and it is a wonderful RF design program.
> However to simulate with transistors i need S-parameter models.
> Would any one have S-parameter for common transistors like 2n22222,
> 2n3904, 2n 4301, etc.
> These parts are not considered RF so manufactures do not have such
> models that i have found.
> The models need to be in the HF through VHF range.
>
> Thanks for any help.
>
> Cheers,
> rich
>



High Performance Mixers and
Amplifiers for RF Communications

Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Sun, 22 Sep 2002 11:25:12 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@lehigh.edu
Subject: [135750] FS: KLM KT34A tribander
Message-ID: <20020922.112514.-231429.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

4 el tribander for 20/15/10. Partially rebuilt. Remaining parts are in the box. This antenna is in great condition as it has been in my garage for 12 years. Local p/u preferred. Balun and manual included. $260 + shipping.
72
Marv Fagenson
k6hcj@Juno.com

_____
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Date: Sun, 22 Sep 2002 14:29:49 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135751] Re: Rig info: Meissner Signal Shifter, model EX
Message-ID: <3D8E0C1D.42589697@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

I did have one of the original Meisners with plug in coils also.

THe TZ40 rig was in a 6 foot rack! With the EX as a VFO for it.

Jerry
W3CDE

"George, W5YR" wrote:
>
> I had the later model with the rotating turret containing all the coils. An
> 807 final. A real "drifter" They weren't called Signal Drifters" nor
> nothing. Used it in late 40's, mostly on 11 meters when it was a ham band
> and 10 wasn't open.
>
> Sounds like you had the pre-war original Signal Shifter with the plug-in
> coils.
> Not many of those around any more . . .
>
> 73/72, George
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR - the Yellow Rose of Texas
> In the 57th year and it just keeps getting better!
>
> "W3CDE Jerry L." wrote:
> >
> > AH, the glory of "glow in the dark radio"!! I remember my EX
> > with a lonely heart. Sure miss it. I worked the world on 20
> > CW in the mid 1950's with it. I worked quite a few TV sets
> > with it tooo. 8-). A great driver for a big rig running 120W
> > input to a TAYLOR TZ40 and plate modulated with TAYLOR TZ20's.
> > It also had real plug in coils for band changing an link
> > coupling to the antenna. Ah the "good ole days".

Date: Sun, 22 Sep 2002 11:27:43 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@lehigh.edu
Subject: [135752] RE: KT 34A Sale
Message-ID: <20020922.112747.-345661.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Forgot to say I am in Los Angeles County, CA
Marv Fagenson
k6hcj@Juno.com

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http://dl.www.juno.com/get/web/.

Date: Sun, 22 Sep 2002 10:59:20 -0800
From: Jim Larsen - AL7FS <JimLarsen2002@alaska.net>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135753] Re: FS: KLM KT34A tribander
Message-ID: <3D8E1308.AD4B2AF2@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks, this is the beam I use and it has been a wonderful beam. It has
handled the wind and the QRP contacts. Mine has been up for 20 years
and I still love it.

FWIW.

73, Jim
--
Jim Larsen, AL7FS
Anchorage, Alaska
http://www.qsl.net/al7fs/

Marv Fagenson wrote:
>
> 4 el tribander for 20/15/10. Partially rebuilt. Remaining parts are in
> the box. This antenna is in great condition as it has been in my garage
> for 12 years. Local p/u preferred. Balun and manual included. $260 +
> shipping.
> 72
> Marv Fagenson
> k6hcj@Juno.com

Date: Sun, 22 Sep 2002 15:00:15 -0400
From: hamjoel@juno.com
To: fpqrp-l@mpna.com, qrp-l@lehigh.edu
Subject: [135754] ah is alive
Message-ID: <20020922.150130.-295483.1.hamjoel@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

high y'all
     ah is alive , ah think.... my truck is running bad, fishing season is
closing soon, the sneaux
is coming, and ah gots mah k2 back in line.... took out the corsair...
     The new mmsstv system (free download just enter KB1HJ and u gonna find
it under ham stuffs....
really neat program... will give u a good clear picture on margional
signals... QRP FRIENDLY....
This is a new and improved and inhansed version of the old one I played
with about a year ago.... iffin u doing ssb no reason not to do sstv...
ur sstv will actually do bettern ur ssb... neaux kidding....
     gots to try and fix mah truck, make the antenna lead Moose Profff....

ke1la joel
in maine
in the cold...

_____
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http://dl.www.juno.com/get/web/.

Date: Sun, 22 Sep 2002 12:07:03 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135755] Re: OT: Any Ham shops in seattle?
Message-ID: <20020922190703.GB1944@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sun, Sep 22, 2002 at 10:28:16AM -0600, Chad Nelson wrote:
> The Wife and I are going to do a quick road trip to Seattle this week and
> was wondering if there
> were any good Ham related stores we should not miss, A Google search was
> awful thin.
>
>   73's
> Chad Nelson KD7FDU
>   Boise Idaho U.S.A
>

Radio Depot
5963 Corson Ave. S
Seattle

It's a bit hard to see from the street, but the location is in the
first strip mall on your right if you take the Corson offramp from I-5.

73, Bob N7XY

--
Bob Nielsen, N7XY n7xy@n7xy.net
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

Date: Sun, 22 Sep 2002 13:19:18 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [135756] Zim's Filters
Message-ID: <B9B373D6.1D892%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

As many of you know, I collect (and use) audio filters. Although no
substitute for IF filters, they can offer significant improvement to a rig
that has no position for an IF filter or a rig that has an IF filter with
poor skirt selectivity.

I recently used and was impressed with a prototype DSP filter kit that Zim,
VK3GJZ designs, builds, and sells. In keeping with the QRP philosophy, it is
a simple filter with little in the way of bells and whistles. But, more
importantly, it is the first DSP filter I have seen that has a low enough
power consumption (9 to 15V at 80 mA) that is beginning to approach being
useful in the field. Maybe not for backpacking, but for car camping and
other portable operations where generous amounts of battery power is
available it is very useful.

My filter had both a 200 Hz and 100 Hz filters centered at 500 Hz. These are
very sharp filters and have stop bands that are very far down. The filter is
a raised cosine, which is different than most other DSPs which use infinite
or finite response filters. The raised cosine seems to give a more analog
quality to the signal and reduces ringing, even at the 100 Hz bandwidth. The
DSP was the first I have used that did not have any obvious digital
artifacts unless it was over driven. There are no controls, you must be
satisfied with the presets that you chose. But PROMS are interchangeable and

two sockets are provided on the board to switch between.

I used the filter with both my TS-850 and my K-1. Neither have filters as narrow as the 100 Hz and 200 Hz filters that Zim's filters have, although with the variable high and low cut, the 850 comes close. With the 200 Hz filter in place, signals more than 150 Hz away simply disappear. I found this a very useful aid on 20 M when a loud FISTS station who obviously could not copy me came on and started calling CQ 300 Hz down the band in the middle of a QSO. Similarly one can work within 200 Hz or so of the digital signals above the QRP frequency on 20 M. The 100 Hz width, although too narrow for most work, allowed me to tune through a pile up and pick out single stations.

Zim sells two versions, one mono and the other stereo. The kits are assembled boards. The boards have sockets for two ROM defined DSP functions. You can switch between the two. He offers a variety of center frequency/bandwidth CW filters for you to chose from when you order. If he doesn't have what you want he can program your favorite CW combination.

Zim also offers an SSB filter ROM and a PSK filter ROM, which not only outputs a narrow audio signal, but also a narrow filtered regenerated PSK signal.

For the stereo filter, two very interesting eeproms are available, one for a phasing method receiver and one for a phasing method transmitter. So those of you with R2s and T2s can move into the digital generation.

The filters use the the Alesis DSP chips which have 24 bit data paths with 32 kHz sampling rates. This allows filters with over 100 dB dynamic range.

The filters are reasonably priced, depending on the exchange rate, the mono filter was about US $60 and the stereo filter about US $100. - Dr. Megacycle KK6MC/5

--
James R. Duffey KK6MC/5
Cedar Crest, NM   DM65

Date: Sun, 22 Sep 2002 13:57:23 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
        "cqc-l" <CQCLIST@yahoogroups.com>
Subject: [135757] UPDATED: the Rock-Mite files
Message-ID: <003201c26272$453ec2d0$6401a8c0@greyrock>
MIME-Version: 1.0

Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

More Rock-Pile entries, keep those picture coming!

W5USJ's beacon experiment and first hint of his plans to mod a Rock-Mite
for 30m!!!

73, Rod N0RC
the "Rock-Mite" files
http://www.radioactivehams.com/~n0rc/rm/
http://www.qsl.net/n0rc/rm/ (mirror)

Date: Sun, 22 Sep 2002 16:16:30 -0400
From: "Lee Mairs" <lmairs@cox.net>
To: <jamesd1@flash.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [135758] Re: Zim's Filters
Message-ID: <002d01c26274$f8096990$3b6d020a@J4>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim -
Have you tried the W3NQN audio filters? He sells a neat kit for about $35
if memory serves correctly. They use five toroidal coils salvaged from old
telephone amplifiers (I think). I use themk with my QRP gear, andevry thing
is totally quiet until a signal pops up. Neat piece of gear.
73 de Lee
KM4YY

----- Original Message -----
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, September 22, 2002 3:19 PM
Subject: Zim's Filters

> As many of you know, I collect (and use) audio filters. Although no
> substitute for IF filters, they can offer significant improvement to a rig
> that has no position for an IF filter or a rig that has an IF filter with

> poor skirt selectivity.
>
> I recently used and was impressed with a prototype DSP filter kit that
Zim,
> VK3GJZ designs, builds, and sells. In keeping with the QRP philosophy, it
is
> a simple filter with little in the way of bells and whistles. But, more
> importantly, it is the first DSP filter I have seen that has a low enough
> power consumption (9 to 15V at 80 mA) that is beginning to approach being
> useful in the field. Maybe not for backpacking, but for car camping and
> other portable operations where generous amounts of battery power is
> available it is very useful.
>
> My filter had both a 200 Hz and 100 Hz filters centered at 500 Hz. These
are
> very sharp filters and have stop bands that are very far down. The filter
is
> a raised cosine, which is different than most other DSPs which use
infinite
> or finite response filters. The raised cosine seems to give a more analog
> quality to the signal and reduces ringing, even at the 100 Hz bandwidth.
The
> DSP was the first I have used that did not have any obvious digital
> artifacts unless it was over driven. There are no controls, you must be
> satisfied with the presets that you chose. But PROMS are interchangeable
and
> two sockets are provided on the board to switch between.
>
> I used the filter with both my TS-850 and my K-1. Neither have filters as
> narrow as the 100 Hz and 200 Hz filters that Zim's filters have, although
> with the variable high and low cut, the 850 comes close. With the 200 Hz
> filter in place, signals more than 150 Hz away simply disappear. I found
> this a very useful aid on 20 M when a loud FISTS station who obviously
could
> not copy me came on and started calling CQ 300 Hz down the band in the
> middle of a QSO. Similarly one can work within 200 Hz or so of the digital
> signals above the QRP frequency on 20 M. The 100 Hz width, although too
> narrow for most work, allowed me to tune through a pile up and pick out
> single stations.
>
> Zim sells two versions, one mono and the other stereo. The kits are
> assembled boards. The boards have sockets for two ROM defined DSP
functions.
> You can switch between the two. He offers a variety of center
> frequency/bandwidth CW filters for you to chose from when you order. If he
> doesn't have what you want he can program your favorite CW combination.
>
> Zim also offers an SSB filter ROM and a PSK filter ROM, which not only

> outputs a narrow audio signal, but also a narrow filtered regenerated PSK
> signal.
>
> For the stereo filter, two very interesting eeproms are available, one for
a
> phasing method receiver and one for a phasing method transmitter. So those
> of you with R2s and T2s can move into the digital generation.
>
> The filters use the the Alesis DSP chips which have 24 bit data paths with
> 32 kHz sampling rates. This allows filters with over 100 dB dynamic range.
>
> The filters are reasonably priced, depending on the exchange rate, the
mono
> filter was about US $60 and the stereo filter about US $100. - Dr.
> Megacycle KK6MC/5
>
> --
> James R. Duffey KK6MC/5
> Cedar Crest, NM   DM65
>
>

Date: Sun, 22 Sep 2002 20:31:48 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [135759] Rock-Mite/40 VXO - 1 More
Message-ID: <3.0.2.32.20020922203148.007ba2a0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

R-Mers,

My offering of a VXO circuit for the Rock-Mite is not as elegant and
sophisticated as the design by NB6M but it's functional.

The R-M/40 is now installed in a PCB chassis that allows some room for
working on mods and such. The Chuck Wagon novalty enclosure was just for fun.

An 8.5 to 100 pF trimmer and a 27 uH coil were added in series with the Y2
crystal. The coil is 8 turns of #26 on an FT37-43 toroid. A molded choke
would most likely work as well. The use of the machined DIP socket pins as
crystal sockets made this easy to do. These values were selected from
circuits used by W1FB.

Stability = no noticible drift from power on.

Approx. tuning range = 2.8 kHz with 7040 crystal installed -- 3 kHz with a 7122.

Ranges using the FT-847 to monitor using a 7040 crystal are: 7038.6 to 7040 and 7040 to 7042.8. Pressing the shift button causes the difference. Similar ranges were noted with the 7122 crystall installed.

A grounding clip for the cystal was fashioned from a paper clip. This made a noticeable difference. The frequency shifted lower and the wobble modulation from vibrations stopped.

The major downside of this arrangement is the tuning. The capacitor has to be tuned with an insulated wand. Possible there is a way to use a varactor to do the tuning. I'm not clever enough to see it just now though. However, being able to tune around a bit even with a plastic wand was neat. I'll send a picture of my lashup to Rod for the Rock-Mite Files.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP http://www.netxqrp.org

---

Date: Sun, 22 Sep 2002 17:43:49 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-l@lehigh.edu>
Subject: [135760] Cellulose thinners
Message-ID: <DAV15QmwtHuviTcWaJ900001ff6@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a few emails about the 'cellulose thinners' solvent I use for removing the resist on my PCBs. I just had a look at the container and the stuff is actually xylene. The little tin I bought a couple of years ago is still about 3/4 full (or 1/4 empty, for pessimists).

73, Leon
--
Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sun, 22 Sep 2002 15:16:17 -0700
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [135761] Re: OT: Any Ham shops in seattle?
Message-ID: <000301c26285$acc8ac00$79a32640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chad. The only one I know of is The Radio Depot in S. Seattle. We are kind of radio store poor here.

Dave K2ZU

Date: Sun, 22 Sep 2002 16:50:31 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: Lee Mairs <lmairs@cox.net>,
	Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [135762] Re: Zim's Filters
Message-ID: <B9B3A556.1D8B1%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Lee - Yes, the W3NQN filters are very good. I have built passive filters
from the old 88 mHy telephone toroids, and they were all good.

Information on the W3NQN filters is availaable in many of the old handbooks.
I am not sure if it is in the 2002 handbook or not. - Dr. Megacycle KK6MC/5
--
James R. Duffey KK6MC/5
Cedar Crest, NM   DM65

Date: Sun, 22 Sep 2002 16:53:50 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [135763] Re: Zim's Filters
Message-ID: <B9B3A61E.1D8B3%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

If you are interested in one of Zim's filters, the URL is:

http://www.users.bigpond.com/gzimmer/SmallFilter/default.html

I realize that I omitted it in my first posting. - Dr. Megacycle KK6MC/5
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James R. Duffey KK6MC/5
Cedar Crest, NM   DM65

End of QRP-L Digest 2686
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